

FIG. 1

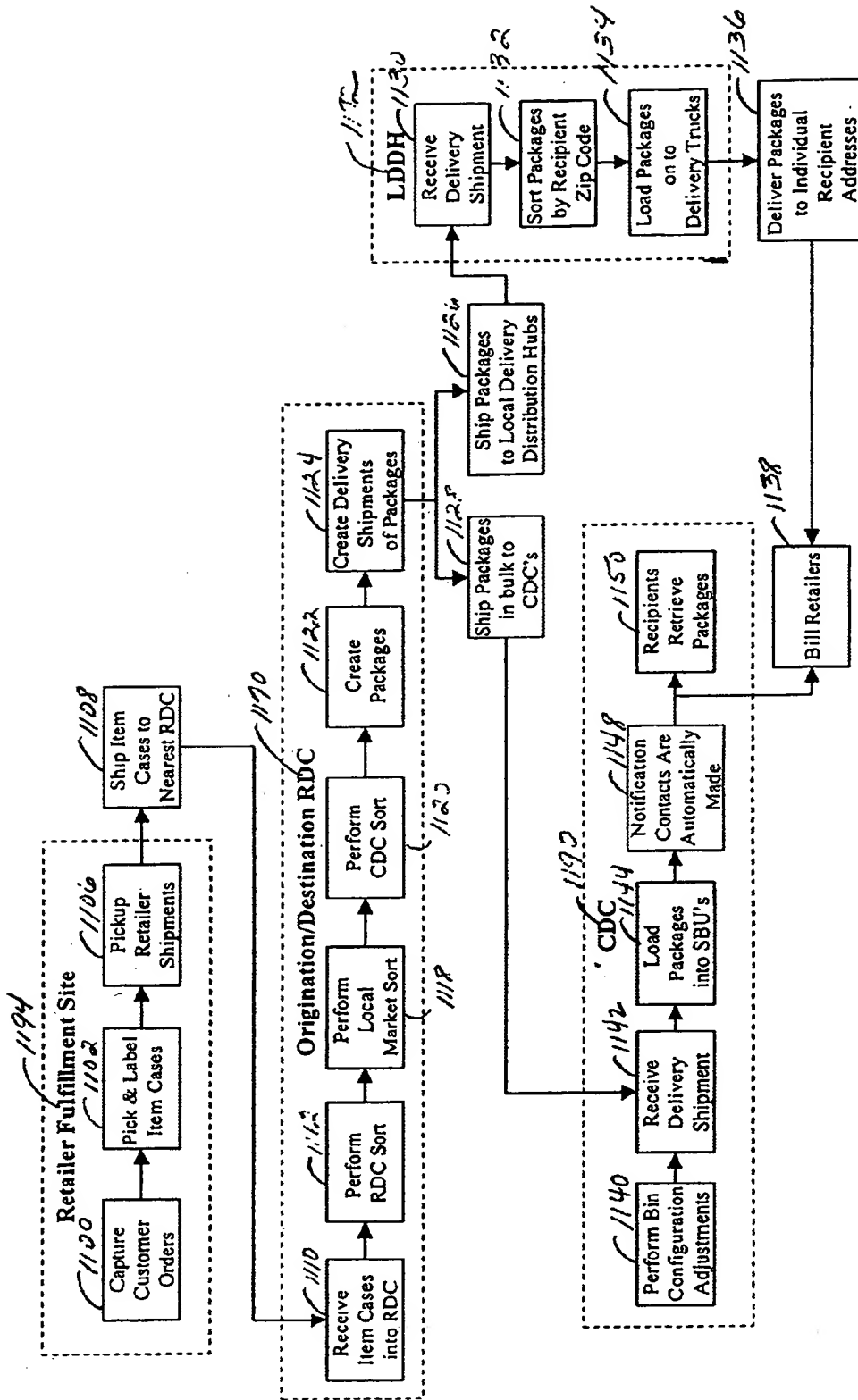


FIG. 1A

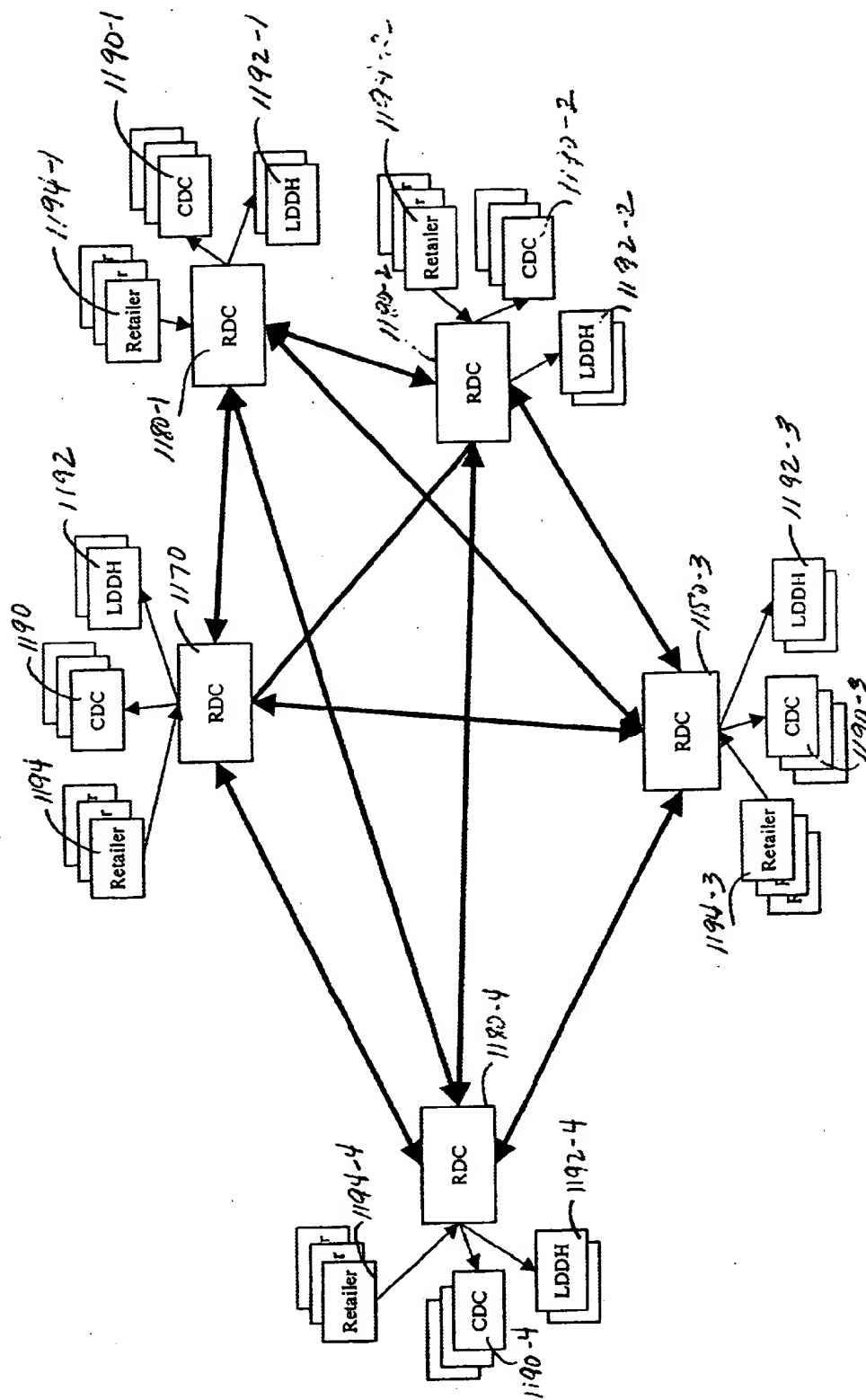


FIG. 2

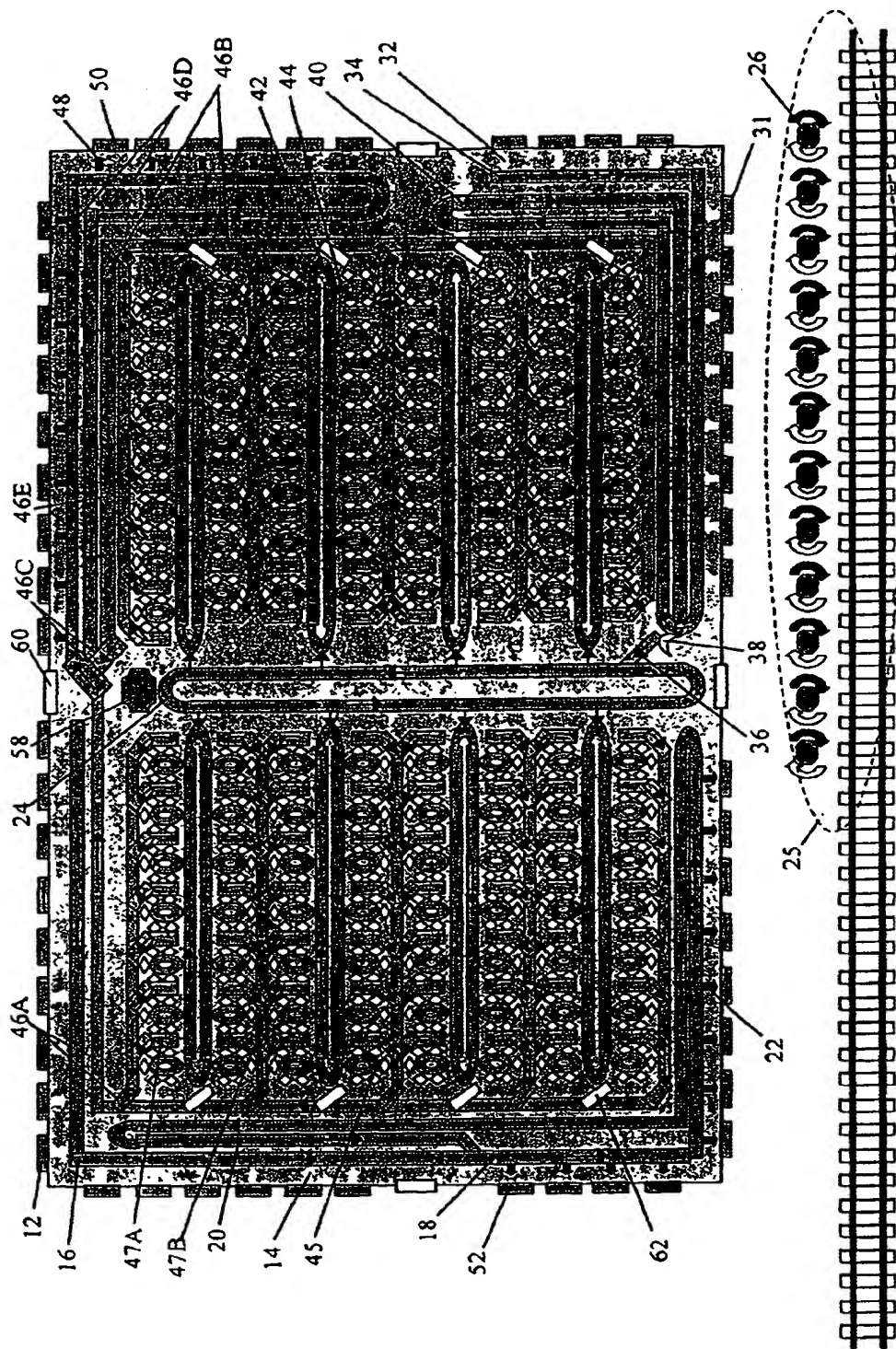


FIG 3

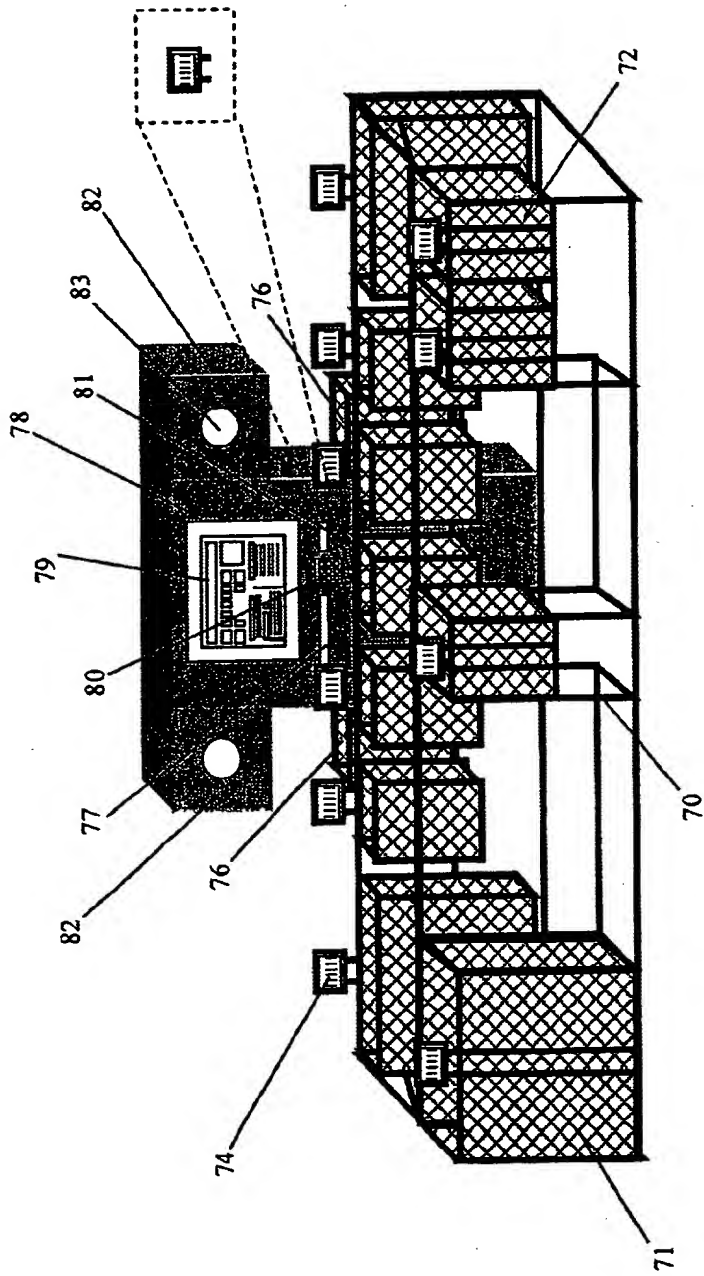


FIG 4

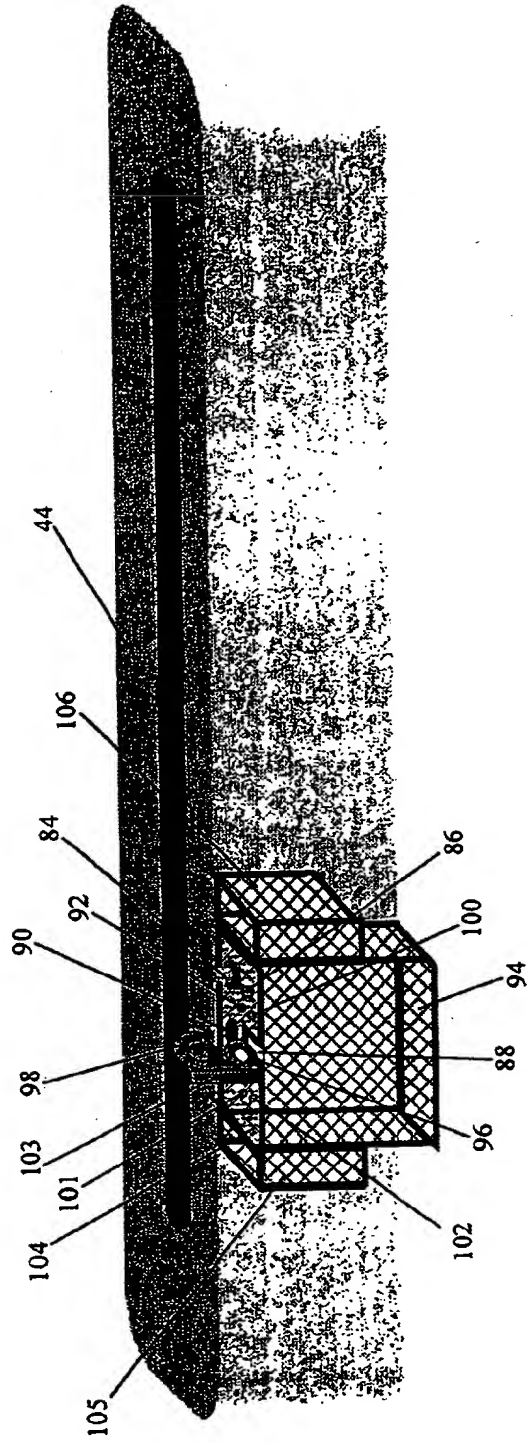


FIG 5

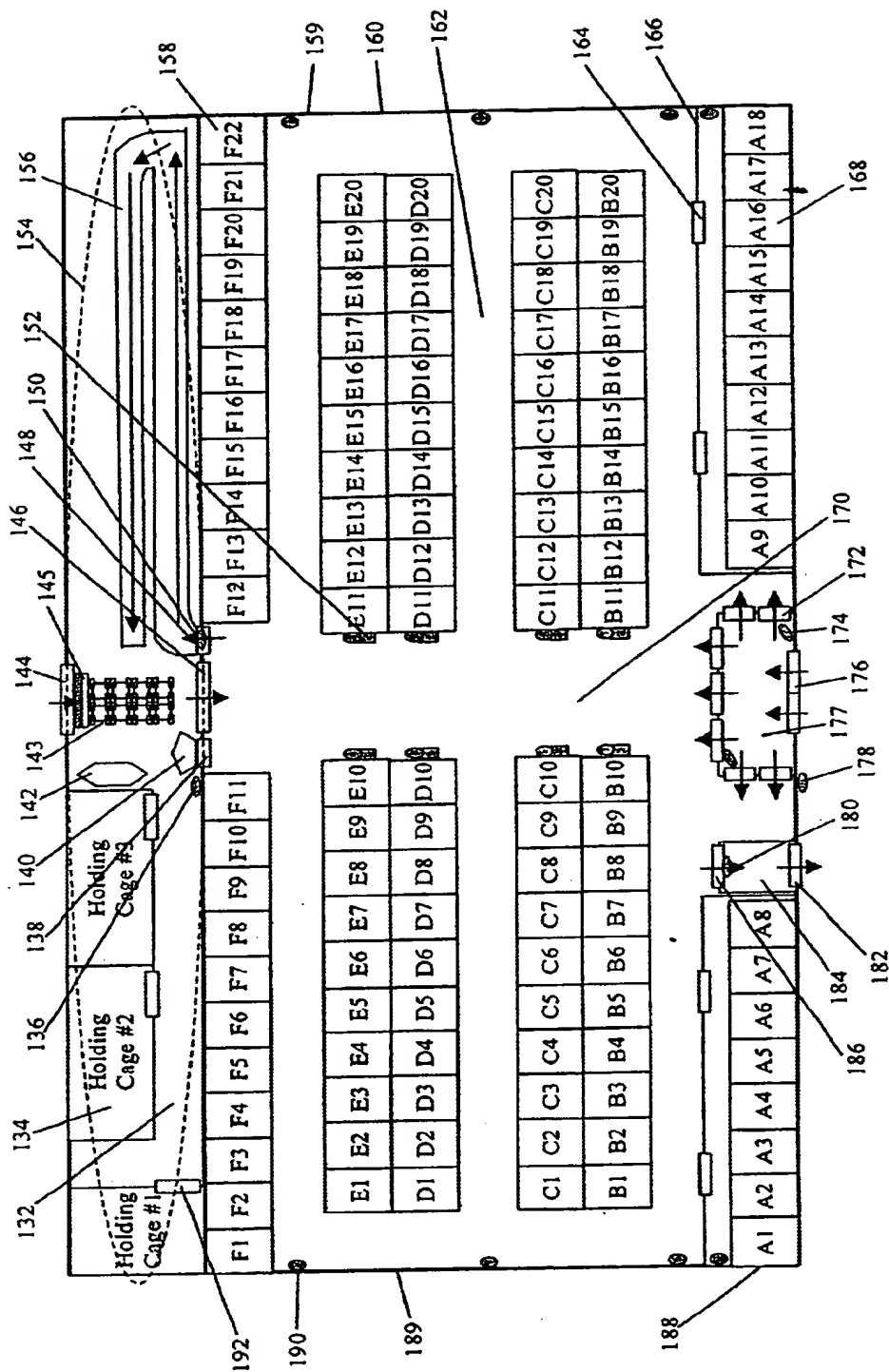


FIG 6

[illegible]

FIG 7

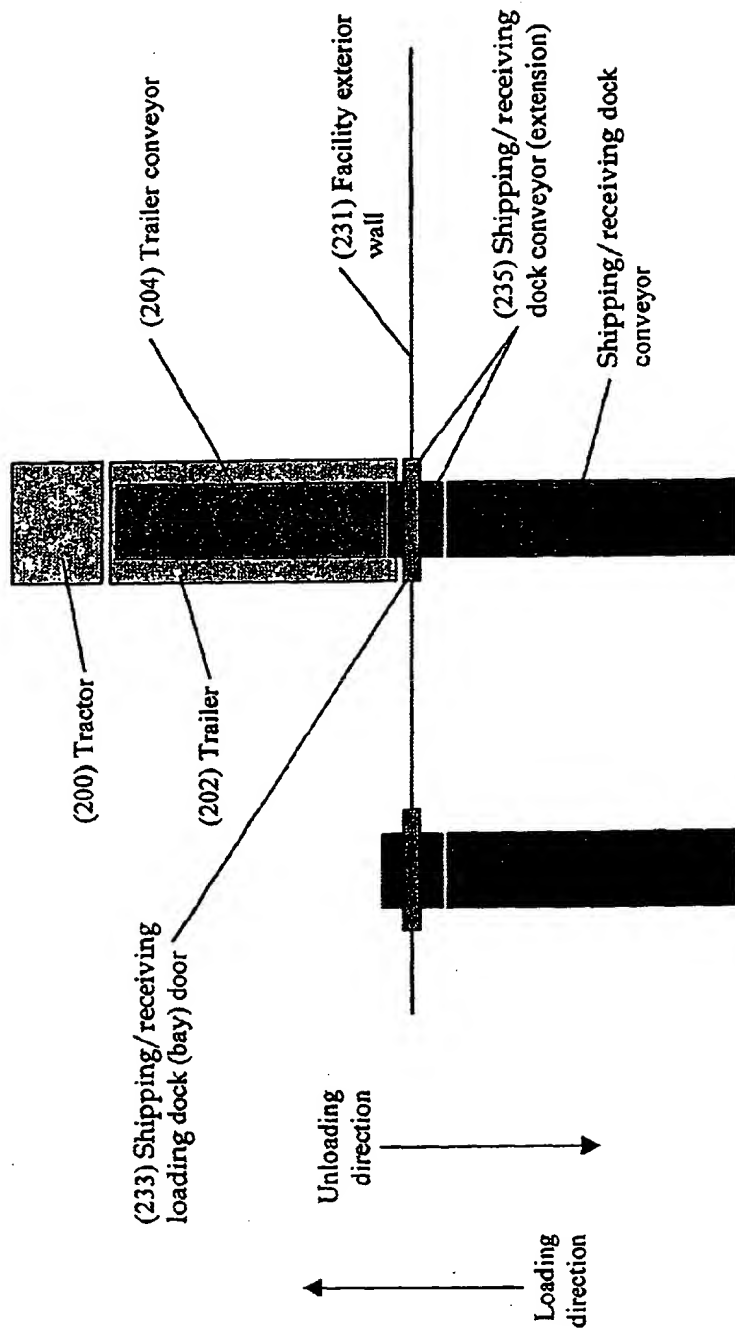


FIG 8

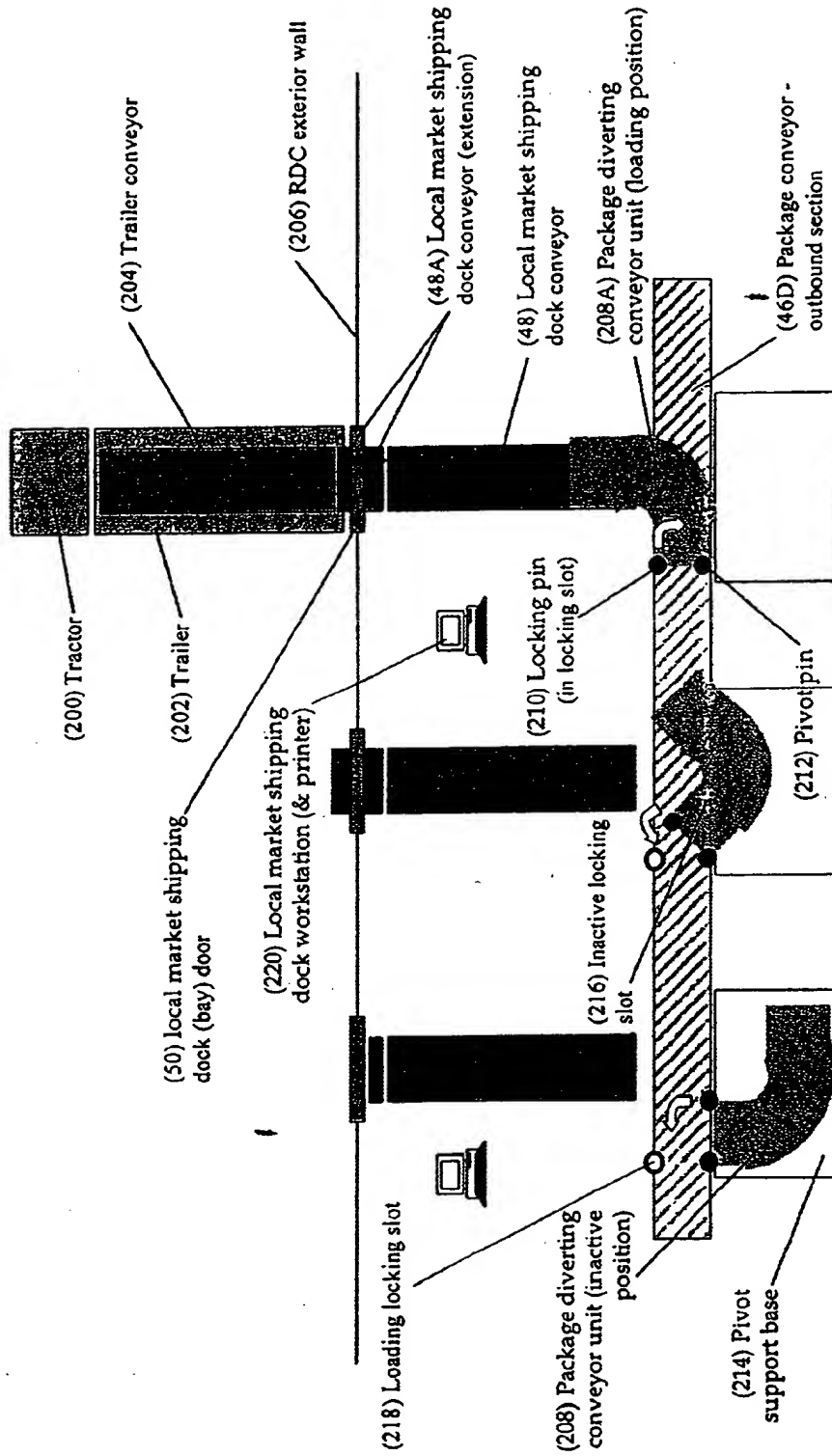


FIG 8A

Order Header table

Order Id	Status	EPD Supplier Id	EPD Retailer Id	Delivery Type	Customer Id	Ordering Customer Id	Order Date/Time	RDC Id	Local Market Id	CDC Id	Partial Ship	Retailer Message-Header	Retailer Message-Packing List	Delivery Name	Delivery Address 1	Delivery Address 2	Delivery City	Delivery State	Delivery Zip
amazon001-1830208-5-080300-001	open	epd	amazon001	epd	18302085	18302085	08-03-08 14:21:02	AT001	efor	amazon001-18302085	No	amazon message (for order)	amazon message (for packing list)						

Order Detail table

Order Id	Status	SKU	SKU Size	Temperature Code	Quantity	Retailer Shipment Id	RDC Shipment Id	Package Id	Case Id	Retailer Message-Header	Notification Date/Time	Pickup Date/Time
amazon001-1830208-5-080300-001	retailer	0123456789	small	standard	1	amazon001-18302085	CH001-000000-000001	111221234-AT001-080300-001	amazon001-080300-123456	amazon message (for order line item)	7/12/200 8:10:06 PM	7/13/200 5:43:25 PM

SKU data table

SKU	RDC Id	Quantity
01234567	AT001	214

Case data table

SKU	RDC Id	Case Quantity	Item Quantity
01234567	AT001	3	11

Case table

Case Id	Status	EPD Retailer Id	SKU	SKU Size	Temperature Code	Quantity	RDC Id	Partial/Mixed Flag	Pack Grouping Id	Retailer Shipment Id	RDC Shipment Id	Local Market Id	CDC Id
amazon001-080300-123456	destination in RDC	amazon001	0123456789	small	standard	16 SH-001	16 SH-001	No	amazon001-080300-PC001	amazon001-080300-001	CH001-080300-000001	efor	amazon001-18302085

Pack Grouping table

Pack Grouping Id	Retailer Shipment Id	Case Quantity
amazon001-080300-PC001	amazon001-080300-001	85

FIG. 9A

Retailer Shipment table

Retailer Shipment Id	Status	ePD Retailer Id	ePD Shipper Id	Origin RDC Id	Retailer Employee Id	Trailer Id	Retailer Shipment Date/Time	Receiving Employee Id	Retailer Shipment Arrival Date/Time
amazon001-080300-001	in-transit	amazon001	epd	CT1001	333-22-4444	1-44tm-4321	08-03-00 12:15:35	121-34-6565	08-03-00 17:25:08

1212

Retailer Shipment Receiving table

Retailer Shipment Id	Status	Employee Id	Trailer Id	ePD Shipper Id
amazon001-080300-001	replicated	121-34-6565	4321	epd

1214

RDC Shipment table

RDC Shipment Id	Status	ePD Shipper Id	Origin RDC Id	RDC Shipping Dock Id	RDC Shipment Date/Time	RDC Shipment Trailer Id	RDC Shipment Date/Time	RDC Shipment Arrival Date/Time	RDC Shipment Date/Time	Destination RDC Id	Employee Id #1	Employee Id #2	Employee Id #3	Employee Id #4	Employee Id #5	Trailer Loading Employee Id	Trailer Loading Employee Id	Receiving Employee Id	Trailer Id	Carrier Id
CH001-080300-00001	received	epd	CH001	CH001.R01	2221:55	08-03-00 07:01:43	08-04-00 07:22:43	08-04-00 12:30:39	08-04-00 12:30:39	AT001	333-22-4441	333-22-4441	333-22-4441	333-22-4441	333-22-4441	333-22-4441	220-22-0022	454-66-mc099-7887	1-44tm-4321	ind-12345

RDC Shipment Receiving table

RDC Shipment Id	Status	ePD Shipper Id	Origin RDC Id	RDC Shipping Dock Id	RDC Shipment Date/Time	RDC Shipment Trailer Id	RDC Shipment Date/Time	RDC Shipment Arrival Date/Time	RDC Shipment Date/Time	Case Id
CH001-080300-00001	now	epd	CH001	CH001	2221:55	08-03-00 07:01:43	08-04-00 07:22:43	08-04-00 12:30:39	08-04-00 12:30:39	amazon001-080300-123456

1218

Local Market Order List data view

Local Market Order Id	ePD Retailer Id	SKU	Quantity (Needed)
106180	amazon001	0123456789	80

1220

Local Market Case Inventory data view

Local Market Order Id	ePD Retailer Id	SKU	Quantity
106180	amazon001	0123456789	48

1222

CDC Order List data view

CDC Order Id	ePD Retailer Id	SKU	Quantity (Needed)
106180	amazon001	0123456789	8

1224

Fig. 9B

CDC Case Inventory data view

ePD	Customer	Quantity
CDC Id	123456789	16
after-019	amazon001 01234567	

1226

Customer by SKU Order List data view

ePD	Customer	Quantity
CDC Id	123456789	1
after-019	amazon001 01234567	

1228

SKU by Customer Order List data view

Customer	SKU	Quantity
CDC Id	123456789	1
after-019	amazon001 01234567	

1230

Open Package List data view

Packing	Customer	Package	Package	Package
CDC Id	123456789	123456789	123456789	123456789
after-019	amazon001 01234567			

1232

Package table

Package	Status	Package	Temperature	Package	Customer	RDC Id	Packing	Delivery
11122123	closed	1 standard	epd	183-42-3085	AT001	after-019	322-55-4084	CH001-001
4-00000000								

1234

Package Bag Holder table

Package	Bag	Holder	Package	Packing
11122123	1 standard	epd	183-42-3085	AT001
4-00000000				

1236

FIG. 9C

Delivery Shipment table

Delivery Shipment Id	ePD Status	Shipment Id	RDC Id	CDC Id	Temperature Code	RDC Employee Id	Trailer Loading Employee Id	Trailer Id	Delivery Shipment Loading Date/Tun	CDC Employee Id	Delivery Shipment Arrival Date/Tun
CH001-080300-001	in-transit	epd	CI001	epd-019	standard	824-08-5432	133-22-4442	4321	08-04-00 16:41:20	333-22-4444	08-04-00 19:15:28

1238

RDC/CDC Package Inspection Report Header table

Report Id	CDC Id	Quantity Difference	RDC Id
AT001-080300-001	0124567890		
AT001-080300-001	123456		

1240

RDC Package Inspection Report Detail table

Report Id	Quantity	Package Id	Package Status	Delivery Shipment Id	CDC Id
AT001-080300-001	11121234	AT001-080300-001	CDC	CH001-001	
AT001-080300-001	3	080300-001	processing	080300	epd-019

1242

CDC Package Inspection Report Detail table

Report Id	Quantity	Package Id	Package Status	Delivery Shipment Id	SSU Id	Master Bin Id	Bin Id	LDDH Delivery Vehicle Id	Inspection Authorization Code	Over Quantity Adjustment Code	Short Quantity Adjustment Code
AT001-080300-001	11121234	AT001-080300-001	CDC	CH001-001							
AT001-080300-001	2	080300-001	processing	080300							

1244

Retailer table

ePD Retailer Id	Retailer Description	Connection Script	Comments	Local Market Id	Address 1	Address 2	City	State	Zip	Contact Number	Returns Facility Id	Returns Local Market Id	Returns Address 1	Returns Address 2	Returns City	Returns State	Returns Zip	Returns Contact Number
amazon001	Amazon.com - Midwest	active	"connection script"				Chicago	IL	2562 1823	303-619	amazon001	amazon001	1102 F. Highway		San Mateo	CA	90655	409-455-90655/7219

1246

Item Inventory table

ePD Retailer Id	SKU	Warehouse Location	Status	Quantity	Temperature Code
amazon001	01245678	01245678	shippable	60	standard

1248

FIG. 9D

10ET80*E060T860

SKU table

SKU	Status	Standard Case Quantity	SKU Size	Temperature Code	Product Description
01234567	active	20	small	standard	Hurricane baseball cap

1250

CDC table

CDC Id	Status	CDC Description	Local Market Id	CDC Server Connection Script	Address 1	Address 2	City	State	Zip	Primary Contact Number	Secondary Contact Number	Temp Reservation Override
eflor-019	active	Commerce Blvd Location	eflor	"connection string"	1510 F Commerce Blvd		Laurelville	FL	33113	954-321-4321	954-987-9876	40

1252

Zip Code-CDC table

Zip	CDC #1	Distance	CDC #2	Distance	CDC #3	Distance	CDC #4	Distance	CDC #5	Distance
33333	eflor-019	0	eflor-018	5	eflor-020	5	eflor-021	10	eflor-017	15

1254

Customer table

Customer Id	PIN	Last Name	First Name	Phone	CDC Preference	Previous CDC	Zip Code	Primary Contact Number/Address	Primary Calling Window Start Time	Primary Calling Window End Time	Secondary Contact Number/Address	Secondary Calling Window Start Time	Secondary Calling Window End Time	Dual Notification Indicator	ePD Account Balance
123-45-6789		9876	Samfield	eflor-019	eflor-019	eflor-019	33113	954-365-4444	7:00	8:00	21-00	e-mail			0

1250

RDC table

RDC Id	ePD Shipment Id	Status	RDC Server Connection Script	Address 1	Address 2	City	State	Zip
AT001	eflor	active	"connection string"	1700 W Dolphin St		Atlanta	GA	22314

1258

Shipment table

ePD Shipment Id	Status	Active

1260

Package Material Restocking Counter table

CDC Id	Type	Quantity
eflor-019	large cage	3

1262

RDC-Local Market table

RDC Id	ePD Shipment Id	Local Market Id
AT001	eflor	eflor

1264

FIG. 9E

Item Return Header table

[illegible]

1266

Item Return Detail table

[illegible]

1268

CDC Outbound Package cable

CDC	Outbound 4	ePD Shipper Id	Status	Shipping Customer Id	Delivery Type	Origination CDC Id	Recipient Customer Id	Destination CDC Id	RDC Id	Local Market Id	Temperature Code	Weight	Cost	Delivery Name	Delivery Address 1	Delivery Address 2/City	Delivery State	Delivery Zip
CDC	Outbound 4	ePD Shipper Id	Status	Shipping Customer Id	Delivery Type	Origination CDC Id	Recipient Customer Id	Destination CDC Id	RDC Id	Local Market Id	Temperature Code	Weight	Cost	Delivery Name	Delivery Address 1	Delivery Address 2/City	Delivery State	Delivery Zip
88812414																		
for-019- 080906- 001	In signation in CDC	ePD		111-22-124	ePD	for-019	888-22-4244	recal-005	A1001	for	standard	5.75	\$3.00					

1270

CDC Outbound Package table (continued)

Payment Method	Payment Card Number	Payment Authorization	CDC Reversal Shipment Id	RDC Shipment Id	Package Size	Delivery Shipments Id	Notification Date/Time	Pickup Date/Time
credit card	234512346		800-039-	C1001-		C1001-001	12/12/2000 8 10 06 PM	12/13/2000 5 43 23 PM
credit card	423456000	78979756	120600-	120600-		10802000		

CDC Return Shipments Table

CDC Reverse Shipment	ePD Shyper	RDC Id	Shipment Creation Employee Id	Loading Employee Id	Trailer Id	CDC Reverse Shipment Date/Time	CDC Reverse Shipment Arrival Date/Time
SLR-019 T28060 RS001	019	C74001	333-22-4444	444-33-5555	1-dein-4121	12-00-00 12 15 35	12-00-00 131-34-4568 17 28 08

1274

FIG. 9F

102180 E0601860

RDC Returns Shipment table

RDC Returns Shipment Id	ePD Shipper Id	ePD Retailer Id	RDC Id	Temperature Code	RDC Employee Id #1	RDC Employee Id #2	RDC Employee Id #3	RDC Employee Id #4	RDC Employee Id #5	Trailer Loading Id	Trailer Loading Employee Id	RDC Returns Shipment Loading Date/Time	RDC Returns Shipment Arrival Date/Time
120700-127001	open	amazon001	CH001	standard	824-08-5622					333-22-444	1-1270-4321	08-04-00 16:41:20	08-04-00 19:15:28

1276

Order Header History table

Order Id	Status	ePD Shipper Id	ePD Retailer Id	Retailer Order Number	Delivery Type	Customer Id	Ordering Customer Id	Order Date/Time	RDC Id	Local Market Id	Partial Ship	Retailer Message Order Header	Retailer Message Packing List	Delivery Name	Delivery Address 1	Delivery Address 2	Delivery City	Delivery State	Delivery Zip
amazon001-18362308-5-080300-001	packed up	amazon001	amazon001	997654121	ePD	1A3-43-3083	183-43-3083	08-03-00 14:23:02	AT001		019-019	custom message (for order)	custom message (for retailer)						

1278

Order Detail History table

Order Id	Status	SKU	SKU Size	Temperature Code	Quantity	Retailer Shipment Id	RDC Shipment Id	Package Case Id	Retailer Message Order Detail	Notification Date/Time	Pickup Date/Time
amazon001-18362308-5-080300-001	packed up	0123456789	small	standard		amazon001-1080300-001	CH001-080300-00001	111221234-AT001-080300-080400-001	custom message (for order line item)	7/12/200 8:10:06 PM	7/13/200 05:43:25 PM

1280

FILE 96

TOE130" E060T860

Bin Inventory table

Bin Id	SBU Id	Master Bin Id	Bin Size	Configuration Code	Temperature Code	Customer Id	PIN	Quick Code	Package Id	Status	Delivery Employee Id	ePD Shipper Id	Delivery Date/Time	Notification Date/Time
A01-01	0234	A01	01	3	224	standard	183-62-3085	9999	1111 080400-001	notified	183-62-3085	ePackage Depot	7/12/2000 8 05 22 PM	7/12/2000 8 10 06 PM

1300

Bin Availability data view

Bin Size	Temperature Code	Quantity
3 standard		47

1301

Bin Reservation table

Bin Size	Temperature Code	ePD Shipper Id	Reservation Date/Time	Quantity	Trailer Loading Employee Id	Status
3 standard		ePackage Depot	7/11/20 00 11:33:04 PM	11	183-44-4288	new

1302

Reserved Bins data view

Bin Size	Temperature Code	Quantity
3 standard		19

1303

Pending Bin Configuration Adjustments table

Bin Size	Temperature Code	Quantity Adjustment
3 standard		-1

304

Unreserved Bins data view

Bin Size	Temperature Code	Quantity
3 standard		28

1305

Fig. 10A

FOET80" E0601860

Configuration Adjustments Log table

Configuration Adjust-ment Id	Configuration Type	Bin Id 1	Bin Id 2	Bin Id 3	Bin Id 4	Configuration Code 1	Configuration Code 2	Configuration Code 3	Configuration Code 4	Employee Id	Configuration Date/Time
A01-01-0234-121300	dividing	A01-01-0234				2	34			183-62-3085	12/13/2000 6:59:17 PM

1300

High-availability Bins data view

Temperature	Available Quantity
SBU Id Code	32
A01 standard	

1307

Employee table

Employee Id	EPD Shipper Id	Local Market Id
433-47-0926	epd	after

1308

Notification Check table

Customer Id
123-45-6789

310

FILE 1013

Notification Queue table

Record Date/ Time	Total Number of Packages	New Indicator	First Notifica- tion Date/Time	Last Primary Contact Date/Time	Last Secondary Contact Date/Time	Next Primary Contact Date/Time	Next Secondary Contact Date/Time	Number of Primary Attempts	Number of Secondary Attempts	Next Contact Date/ Time
7/12/2000		1 yes						0	0	0 null
123-45-6 06 22										
6789 PM										

1311

Package Pickup table

CDC Id	Bin Id	SBU Id	Master Bin Id	Config- uration Code	Bin Size	Temper- ature Code	Customer Id	PIN	Quick Code	Package Id	Delivery Employee Id	Shopper Id	Delivery Date/Time	Notificatio n Date/Time	Pickup Date/Time
019	0234	A01	01	234	3	standard	183-62-3085		9999	1111080400-001	183-62-1085	ePackage Depot	7/12/2000 8 05 22 PM	7/12/2000 8 10 06 PM	7/13/2000 5 43 25 PM

1312

Quick Code table

Quick Code	Code
1114	

1313

SBU Settings table

SBU Id	Load Position Master Bin Id	Door Configurat ion Code
A01	16	100

1314

Bin Movement table^(b)

Load Position Master Bin Id	Move- ment needed for Master Bin	Move- ment needed for Master Bin	Move- ment needed for Master Bin [x]
16	-3	-4	-x

1315

FIG. 10C

SECRET

Master Bin by Movement table ^(b)					
Load Position	Master Bin After Movement	Master Bin After Movement-1	Master Bin After Movement-2	Master Bin After Movement-3	Master Bin After Movement-4
Bin 16	16	15	17	14	18
Bin 15	15	14	16	13	19
Bin 14	14	13	15	12	20
Bin 13	13	12	14	11	21
Bin 12	12	11	13	10	22
Bin 11	11	10	12	9	23
Bin 10	10	9	11	8	24
Bin 9	9	8	10	7	25
Bin 8	8	7	9	6	26
Bin 7	7	6	8	5	27
Bin 6	6	5	7	4	28
Bin 5	5	4	6	3	29
Bin 4	4	3	5	2	30
Bin 3	3	2	4	1	31
Bin 2	2	1	3	0	32
Bin 1	1	0	2	33	34

Originator	Destination	Starting Weight Range	Ending Weight Range	Package Size	Cost
epd	afior-019	0	3	1	\$3.00

761.914

Application listing

	Application Name	Application Server(s)
	ePD Billing and Maintenance Application	Corporate
	ePD Shipping Application	Retailer, RDC
	ePD Delivery Application	RDC, CDC
	ePD SBU Application	CDC

Program listing

Ref #	Program Name	Application
(310)	Pick List Report Program	ePD Shipping Application (retailer's instance)
(311)	Receive RDC Returns Shipment Data Program	ePD Shipping Application (retailer's instance)
(312)	Retailer Shipment Program	ePD Shipping Application (retailer's instance)
(313)	Receive RDC Returns Shipment Program	ePD Shipping Application (retailer's instance)
(314)	Retailer Shipment Adjustments Program	ePD Shipping Application (retailer's instance)
(315)	Retailer Package Creation Program	ePD Shipping Application (retailer's instance)
(316)	Receive Retailer Shipment Program	ePD Shipping Application (shipper's instance, origination RDC)
(317)	Receive RDC Reverse Shipment Data Program	ePD Shipping Application (shipper's instance, destination RDC)
(318)	RDC Shipment Program	ePD Shipping Application (shipper's instance, origination RDC)
(319)	Receive RDC Reverse Shipment Program	ePD Shipping Application (shipper's instance, destination RDC)
(320)	RDC Shipment Loading Program	ePD Shipping Application (shipper's instance, origination RDC)
(322)	Train Loading Program	ePD Shipping Application (shipper's instance, origination RDC)
(324)	Receive RDC Shipment Program	ePD Shipping Application (shipper's instance, destination RDC)
(326)	Local Market Sort Program	ePD Shipping Application (shipper's instance, destination RDC)
(328)	CDC Sort Program	ePD Shipping Application (shipper's instance, destination RDC)
(330)	Package Creation Program	ePD Delivery Application (shipper's instance, destination RDC)
(332)	Packing List Report Program	ePD Delivery Application (shipper's instance, destination RDC)
(334)	RDC Package Inspection Report Program	ePD Delivery Application (shipper's instance, destination RDC)
(336)	CDC Package Inspection Report Program	ePD Delivery Application (shipper's instance, destination RDC)
(338)	Packing Adjustment Program	ePD Delivery Application (shipper's instance, destination RDC)
(340)	Delivery Shipment Creation Program	ePD Delivery Application (shipper's instance, destination RDC)

FIG. 1

10E180-EO601860

Ref #	Program Name	Application
(341)	RDC Returns Shipment Creation Program	ePD Delivery Application (shipper's instance, destination RDC)
(342)	Delivery Shipment Program	ePD Delivery Application (shipper's instance, destination RDC)
(343)	RDC Returns Shipment Data Transfer Program	ePD Delivery Application (shipper's instance, destination RDC)
(344)	Configuration Adjustments Report Program	ePD Delivery Application (shipper's instance, destination RDC)
(345)	Shipment Adjustments Report Program	ePD Delivery Application (shipper's instance, destination RDC)
(346)	Packing Materials Supply Program	ePD Delivery Application (shipper's instance, destination RDC)
(347)	Notification Update Program	ePD Delivery Application (shipper's instance, destination RDC)
(348)	Pickup Update Program	ePD Delivery Application (shipper's instance, destination RDC)
(349)	Billing Program	ePD Delivery Application (shipper's instance, destination RDC)
(350)	CDC Package Adjustment Program	ePD SBU Application
(352)	SBU Configuration Program	ePD SBU Application
(354)	Loading Guide Report Program	ePD SBU Application
(356)	Loading Program	ePD SBU Application
(358)	New Package Notification Program	ePD SBU Application
(360)	Notification Program	ePD SBU Application
(362)	Auto-call Program	ePD SBU Application
(364)	Auto-e-mail Program	ePD SBU Application
(366)	E-mail Error Checking Program	ePD SBU Application
(368)	Package Location Report Program	ePD SBU Application
(370)	Unloading Program	ePD SBU Application
(372)	Bin Positioning Program	ePD SBU Application
(374)	Re-open Program	ePD SBU Application
(376)	Quick Code Reset Program	ePD SBU Application
(378)	CDC Returns Program	ePD SBU Application
(380)	CDC Outbound Package Creation Program	ePD SBU Application
(382)	CDC Reverse Shipment Creation Program	ePD SBU Application
(384)	CDC Reverse Shipment Program	ePD SBU Application
(386)	CDC Reverse Shipment Maintenance Program	ePD SBU Application
(388)	RDC Returns Shipment Update Program	ePD Delivery Application (shipper's instance, destination RDC)

FIG. 11E

TOET80'E060T860

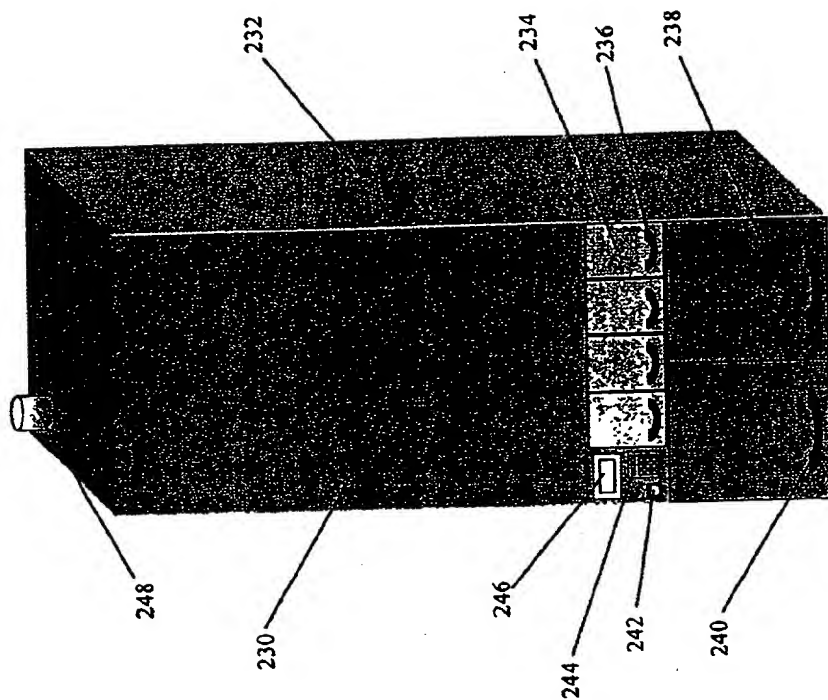


FIG 12 – SmartBin Unit (front external view)

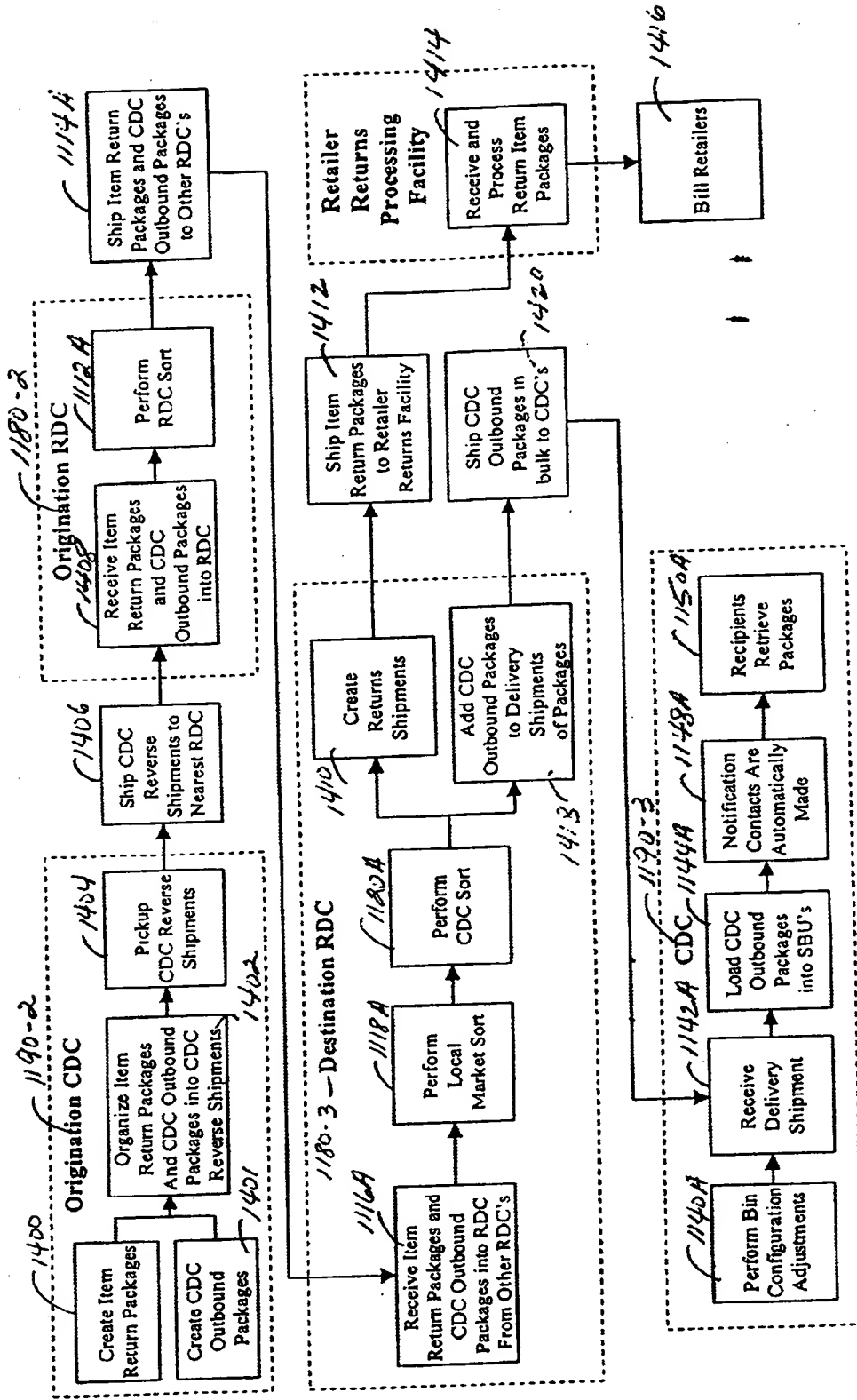


FIG. 13